

ABSTRACT OF THE INVENTION

The present invention describes a method including: providing a substrate, the substrate including a first region and a second region; forming a multilayer mirror over the substrate; forming a phase-shifter layer over the multilayer mirror; forming a capping layer over the phase-shifter layer; removing the capping layer and the phase-shifter layer in the second region; illuminating the first region and the second region with EUV light; and reflecting the EUV light off the first region and the second region.

The present invention also describes a structure including: a substrate, the substrate including a first region and a second region; a multilayer mirror located over the first region and the second region; a phase-shifter layer located over the multilayer mirror in the region; an intensity balancer layer located over the multilayer mirror in the second region; and a capping layer located over the phase-shifter layer in the first region and over the intensity balancer layer in the second region.